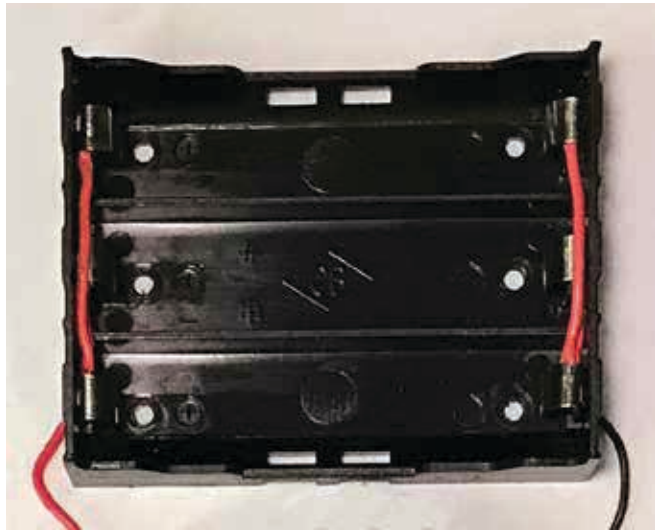


## BATTERIES AND SENSOR HOLDER

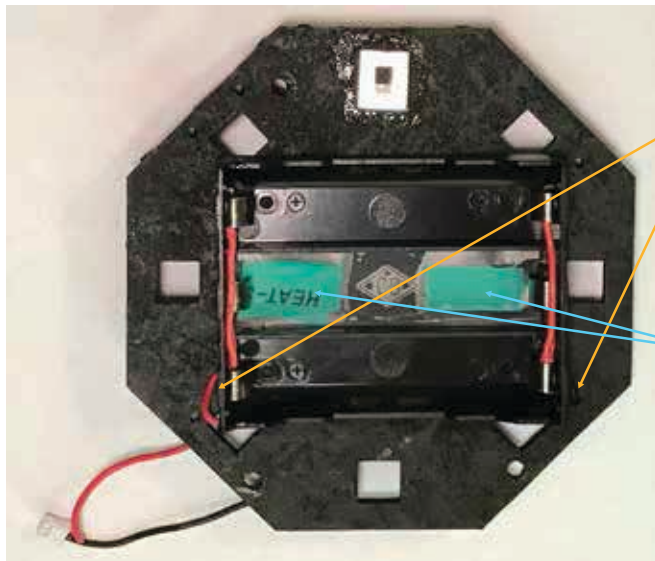
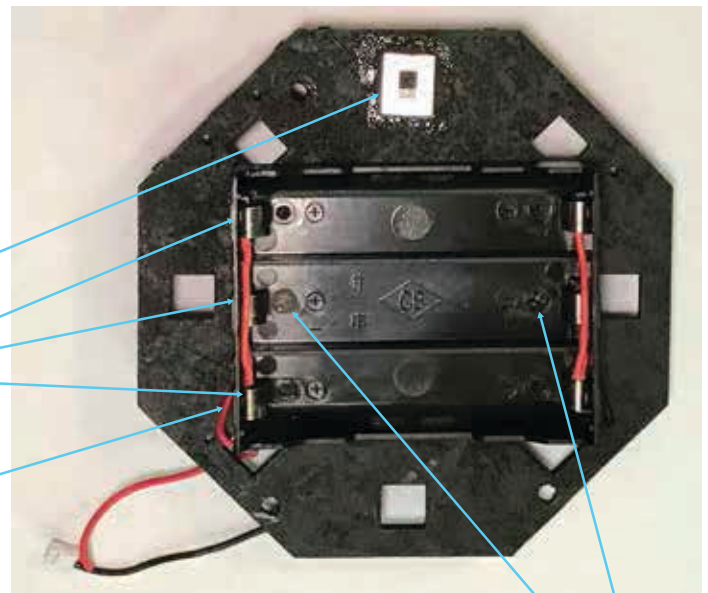


### PARTS

- Sensor Holder	x	1
- Battery Holder	x	1
- SPST Switch	x	1
- 1/8in Flat head screws	x	2
- Female Dupont Connectors	x	2
- 22 Gauge Wire (Red)	x	1 1/2ft
- 22 Gauge Wire( Black)	x	1 1/2ft
- Shrink Tubing	x	4in
- PowerBoost Connector	x	1

### ASSEMBLY

- Solder two 3in wires to the SPST
- Run wires from Switch through the top of Sensor Holder and attach Switch to Sensor Holder(Glued here)
- Solder wire connecting positive battery terminals together. Do the same for negative terminals
- Solder 3in of wire to positive terminal of Battery Holder. Repeat for negative terminal



- Run the two wires from the Battery holder through the top of the Sensor holder
- Screw in battery Holder to top of Sensor Holder
- Solder red wire from PowerBoost Connector to positive terminal wire and black wire from PowerBoost Connector to negative battery terminal
- Protect batteries by covering Screws in Battery Holder with shrink tubing. Glue or tape down.